

LEGAL NOTICE
and
Preliminary Determination for an Air Quality Permit for

Intrepid Potash New Mexico LLC

Intrepid Potash New Mexico LLC, PO Box 101, Carlsbad, NM has submitted an air quality permit application to the Air Quality Bureau (AQB), New Mexico Environment Department (NMED) for an air quality permit to modify Intrepid Potash - East Plant. The application file has been assigned Permit No. 0755M11 and TEMPO Agency Interest ID No. 208. The exact location of the facility at latitude 32 degrees, 30 minutes, 19.9 seconds and longitude -103 degrees, 46 minutes, 57.1 seconds. To aid in locating this facility, the approximate location is 30 miles east, northeast of Carlsbad on highway 62/180. The physical address of the facility is 210 Red Cloud Road, Carlsbad, NM 88220 in Eddy County.

The proposed modification will consist of the following changes:

1. Replace the burner in Boiler Unit 3, increasing capacity from 62.6 MMBtu/hr to 65 MMBtu/hr.
2. Re-route the vent fugitive emissions from Unit No. F-44, Screw Conveyor-Reclaim O/S, to the Lang Feed Bin, Unit No. F-47. Emissions from Units F-44 and F-47 are controlled by a wet venturi scrubber designated as Unit 11S.
3. Re-route the Unit F-57, Belt Conveyor - Dryer Feed, emissions from the wet venture scrubber, Unit 11S, to the inside of a partially enclosed building.
4. The addition of a very small, unvented starch bin and a screw conveyor, that will discharge to the existing starch belt feeder, Unit F-52. This bin will be sized to hold a Super Sack (bulk bag) for the purpose of trialing different starch products as needed. The dimensions of this proposed bin are 5' x 5' x 5'.
5. The replacement of the discharge bucket elevator, Unit F-59 which currently serves the existing fluidized bed dryer (FBD). The bucket elevator will be repositioned, resulting in the elimination of one conveyor transfer point. No new transfer points will be added.
6. Re-route Unit No. 10 Conveyor particulate emissions from control devices scrubber and cyclone, Units 10S and 10Cycl, to control device scrubber, Unit 9.
7. Re-route the Lang Feed Bin, the Recycle Bin, and the Starch Bin, Units F-47, F-48 and F-49, respectively, emissions from a cyclone and wet venturi scrubber, Units 11Cyl and 11S, to passive bin vents located on the top of each bin.

Total air pollutant emissions to the atmosphere are estimated to be approximately: Nitrogen Oxides (NO_x) at 155.9 tons per year (tpy); Carbon Monoxide (CO) at 203.0 tpy; Volatile Organic Compounds (VOC) at 9.6 tpy; Sulfur Dioxide (SO₂) at 6.7 tpy; Total Suspended Particulate Matter (TSP) at 351.9 tpy, Particulate Matter 10 microns or less (PM₁₀) at 160.1 tpy, and Particulate Matter 2.5 microns or less (PM_{2.5}) at 59.5 tpy. The facility is a major, greater than or equal to 100,000 tpy CO_{2e}, source of green house gas emissions. These emission estimates could change slightly during the course of the Department's review of the application.

The NMED has conducted a preliminary review of the information submitted with the permit application. The preliminary review and applicant's analysis of ambient air quality impacts indicates that the facility's air emissions will meet the air quality standards for NO_x, CO, TSP, PM₁₀, and PM_{2.5}. A full review will evaluate the estimated emission rates for the pollutants listed in this public notice and determine compliance with ambient air quality requirements and standards.

Based on the applicant's analysis, a preliminary determination is that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 3, 7, 19, 61, 70, 71, 72, 73, 74, 75 and 77; 40 CFR 50; 40 CFR 60 Subparts A and Dc; 40 CFR 64 CAM; and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality permit on or before **March 29, 2015**. This source is a PSD major source according to 20.2.74 NMAC.

To ensure compliance with state and federal air regulations, the permit is expected to include conditions that limit the emissions, production rate, and conditions that will require record keeping and reporting to the Department.

The permit application is available for review in electronic or hard copy at the Air Quality Bureau Office, 525 Camino de los Marquez Suite 1, Santa Fe, New Mexico. To arrange viewing of this application contact Teri Waldron, at 505-476-4355 or teri.waldron@state.nm.us. The permit application is also available at the NMED Carlsbad Office, located 406 N. Guadalupe, Suite C Carlsbad, NM 88220 for public review.

All interested persons have thirty (30) days from the date this notice is published, to notify the Department in writing of their interest in the permit application. The written comments should refer to the company name, facility name and Permit No. (or send a copy of this notice along with your comments). The written comments shall state the nature of the issues raised and how it relates to the requirements of applicable state and federal air quality regulations and the Clean Air Act. The written comments should be mailed to Michael Space, New Mexico Environment Dept., Air Quality Bureau, Permit Section, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816.

The Department will notify all persons, who have provided written comments as to when and where the Department's analysis may be reviewed. Although all written comments will be made part of the public record, any person who does not express interest in writing before the end of this first thirty (30) day period will not receive such notification.

If the Department receives written public comment before the end of the Department's thirty (30) day public notice, the Department's analysis will be made available for review for thirty (30) days at the NMED district or field office nearest to the source before the permit will be issued. Written comments on the analysis or permit application may be submitted to the Department during this second thirty (30) day period or at any time before the permit is issued or denied.

Questions or comments not intended to be part of the public record can be directed to Hernesto Tellez at 505-476-4300. General information about air quality and the permitting process can be found at the Air Quality Bureau's web site. The regulation dealing with public participation in the permit review process is 20.2.72.206 NMAC. This regulation can be found in the "Permits" section of this web site.